

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/540,634  
Source: PCT/10  
Date Processed by STIC: 7/7/05

***ENTERED***



PCT

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/540,634**

**DATE: 07/07/2005**  
**TIME: 09:46:02**

**Input Set : N:\DA\PTO.DA.txt**  
**Output Set: N:\CRF4\07072005\J540634.raw**

4 <110> APPLICANT: DE WILDE, Gert Jules Hector  
 6 <120> TITLE OF INVENTION: KINASE SEQUENCES USEFUL FOR DEVELOPING COMPOUNDS FOR THE  
 PREVENTION  
 7 AND/OR TREATMENT OF METABOLIC DISEASES AND NUCLEOTIDE SEQUENCES ENCODING SUCH  
 8 KINASE SEQUENCES  
 10 <130> FILE REFERENCE: D0590.70034US01  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/540,634  
 C--> 13 <141> CURRENT FILING DATE: 2005-06-23  
 15 <150> PRIOR APPLICATION NUMBER: GB 0230014.3  
 16 <151> PRIOR FILING DATE: 2003-12-23  
 18 <150> PRIOR APPLICATION NUMBER: US 60/436,380  
 19 <151> PRIOR FILING DATE: 2003-12-23  
 21 <160> NUMBER OF SEQ ID NOS: 13  
 23 <170> SOFTWARE: PatentIn version 3.1  
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 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Caenorhabditis elegans  
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148					35				40						45		
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160					85				90						95		
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164					100				105						110		
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168					115				120						125		
171	Glu	Ile	Ala	Ala	Ile	Cys	Ser	Gln	Thr	Leu	Asp	Ala	Leu	Arg	Tyr	Leu	
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175	His	Ser	Leu	Lys	Arg	Ile	His	Arg	Asp	Ile	Lys	Ala	Gly	Asn	Ile	Leu	

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183	Leu Val Asp Pro Ala Gln Thr Phe Ile Gly Thr Pro Phe Phe Met Ala			
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187	Pro Glu Val Ile Leu Ala Met Asp Glu Gly His Tyr Thr Asp Arg Ala			
188	195	200	205	
191	Asp Ile Trp Ser Leu Gly Ile Thr Cys Ile Glu Leu Ala Glu Arg Arg			
192	210	215	220	
195	Pro Pro Leu Phe Ser Met Asn Ala Met Ser Ala Leu Tyr His Ile Ala			
196	225	230	235	240
199	Gln Asn Asp Pro Pro Thr Leu Ser Pro Ile Asp Thr Ser Glu Gln Pro			
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203	Glu Trp Ser Leu Glu Phe Val Gln Phe Ile Asp Lys Cys Leu Arg Lys			
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207	Pro Ala Glu Glu Arg Met Ser Ala Glu Glu Cys Phe Arg His Pro Phe			
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211	Ile Gln Arg Ser Arg Pro Ser Asp Thr Ile Gln Glu Leu Ile Gln Arg			
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215	Thr Lys Asn Met Val Leu Glu Leu Asp Asn Phe Gln Tyr Lys Lys Met			
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219	Arg Lys Leu Met Tyr Leu Asp Glu Thr Glu Gly Lys Glu Gly Ser Glu			
220	325	330	335	
223	Gly Asn Gly Ala Ser Asp Asp Leu Asp Phe His Gly Asn Glu Ala Asn			
224	340	345	350	
227	Ser Ile Gly Arg Ala Gly Asp Ser Ala Ser Ser Arg Ser Ala Ser Leu			
228	355	360	365	
231	Thr Ser Phe Arg Ser Met Gln Ser Ser Gly Gly Ala Gly Leu Leu Val			
232	370	375	380	
235	Ser Thr Asn Thr Thr Gly Ala Met Asp Asn Val His Gly Ser Ser Gly			
236	385	390	395	400
239	Tyr Gly Asn Gly Ser Ser Ser Thr Thr Ser Ser Ala Arg Arg Arg Pro			
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243	Pro,Ile Pro Ser Gln Met Leu Ser Ser Thr Ser Thr Ser Gly Val Gly			
244	420	425	430	
247	Thr Met Pro Ser His Gly Ser Val Gly Ala Ser Ile Thr Ala Ile Ala			
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251	Val Asn Pro Thr Pro Ser Pro Ser Glu Pro Ile Pro Thr Ser Gln Pro			
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255	Thr Ser Lys Ser Glu Ser Ser Ser Ile Leu Glu Thr Ala His Asp Asp			
256	465	470	475	480
259	Pro Leu Asp Thr Ser Ile Arg Ala Pro Val Lys Asp Leu His Met Pro			
260	485	490	495	
263	His Arg Ala Val Lys Glu Arg Ile Ala Thr Leu Gln Asn His Lys Phe			
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267	Ala Thr Leu Arg Ser Gln Arg Ile Ile Asn Gln Glu Gln Glu Glu Tyr			
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271	Thr Lys Glu Asn Asn Met Tyr Glu Gln Met Ser Lys Tyr Lys His Leu			
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**Output Set: N:\CRF4\07072005\J540634.raw**

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 283 Leu Thr Thr Tyr Ser Lys Glu Lys Met Arg Val Arg Cys Ser Gln  
 284 580 585 590  
 287 Asn Asn Glu Leu Asp Lys Arg Lys Lys Asp Ile Glu Asp Gly Glu Lys  
 288 595 600 605  
 291 Lys Met Lys Lys Thr Lys Asn Ser Gln Asn Gln Gln Met Lys Leu  
 292 610 615 620  
 295 Tyr Ser Ala Gln Gln Leu Lys Glu Tyr Lys Tyr Asn Lys Glu Ala Gln  
 296 625 630 635 640  
 299 Lys Thr Arg Leu Arg Ser Leu Asn Met Pro Arg Ser Thr Tyr Glu Asn  
 300 645 650 655  
 303 Ala Met Lys Glu Val Lys Ala Asp Leu Asn Arg Val Lys Asp Ala Arg  
 304 660 665 670  
 307 Glu Asn Asp Phe Asp Glu Lys Leu Arg Ala Glu Leu Glu Asp Glu Ile  
 308 675 680 685  
 311 Val Arg Tyr Arg Arg Gln Gln Leu Ser Asn Leu His Gln Leu Glu Glu  
 312 690 695 700  
 315 Gln Leu Asp Asp Glu Asp Val Asn Val Gln Glu Arg Gln Met Asp Thr  
 316 705 710 715 720  
 319 Arg His Gly Leu Leu Ser Lys Gln His Glu Met Thr Arg Asp Leu Glu  
 320 725 730 735  
 323 Ile Gln His Leu Asn Glu Leu His Ala Met Lys Lys Arg His Leu Glu  
 324 740 745 750  
 327 Thr Gln His Glu Ala Glu Ser Ala Ser Gln Asn Glu Tyr Thr Gln Arg  
 328 755 760 765  
 331 Gln Gln Asp Glu Leu Arg Lys Lys His Ala Met Gln Ser Arg Gln Gln  
 332 770 775 780  
 335 Pro Arg Asp Leu Lys Ile Gln Glu Ala Gln Ile Arg Lys Gln Tyr Arg  
 336 785 790 795 800  
 339 Gln Val Val Lys Thr Gln Thr Arg Gln Phe Lys Leu Tyr Leu Thr Gln  
 340 805 810 815  
 343 Met Val Gln Val Val Pro Lys Asp Glu Gln Lys Glu Leu Thr Ser Arg  
 344 820 825 830  
 347 Leu Lys Gln Asp Gln Met Gln Lys Val Ala Leu Leu Ala Ser Gln Tyr  
 348 835 840 845  
 351 Glu Ser Gln Ile Lys Lys Met Val Gln Asp Lys Thr Val Lys Leu Glu  
 352 850 855 860  
 355 Ser Trp Gln Glu Asp Glu Gln Arg Val Leu Ser Glu Lys Leu Glu Lys  
 356 865 870 875 880  
 359 Glu Leu Glu Glu Leu Ile Ala Tyr Gln Lys Lys Thr Arg Ala Thr Leu  
 360 885 890 895  
 363 Glu Glu Gln Ile Lys Lys Glu Arg Thr Ala Leu Glu Glu Arg Ile Gly  
 364 900 905 910  
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RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 07/07/2005  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 72,3245,3263,3278

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/540,634

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
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M:341 Repeated in SeqNo=9